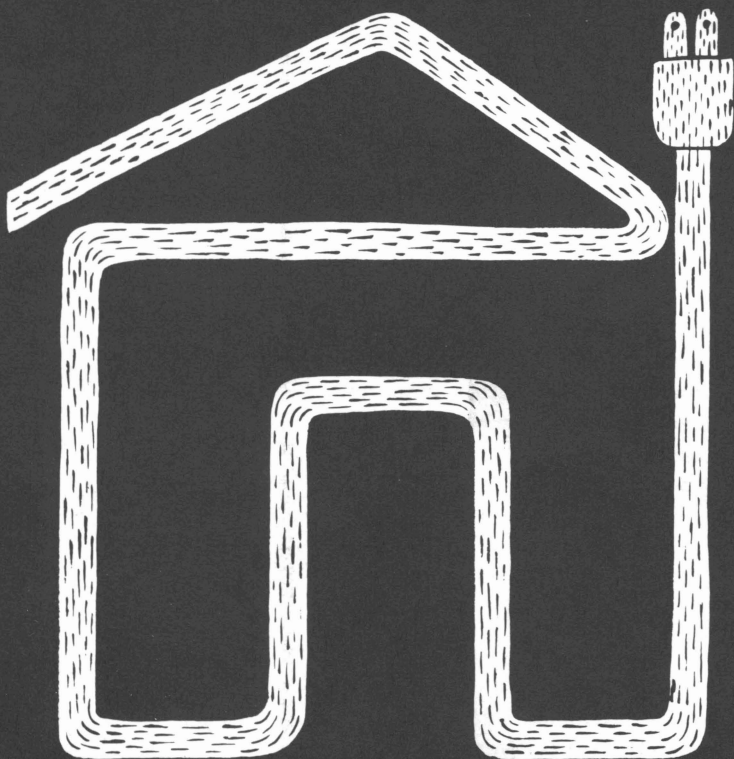


ELECTRICAL REPAIRS YOU CAN DO!



TEXAS A&M UNIVERSITY
TEXAS AGRICULTURAL EXTENSION SERVICE
J. E. HUTCHISON, DIRECTOR, COLLEGE STATION, TEXAS

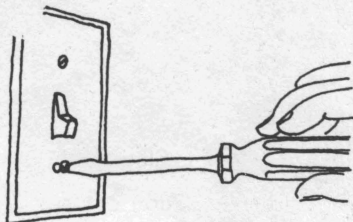
ELECTRICAL REPAIRS YOU CAN DO!

Extension Home Management Specialists
The Texas A&M University System

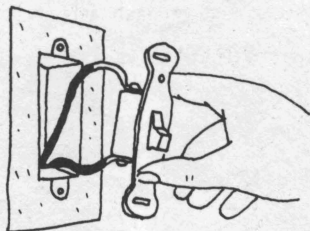
Replacing Wall Switches

- Remove fuse or flip switch to turn off circuit.

- Unscrew and remove face plate.

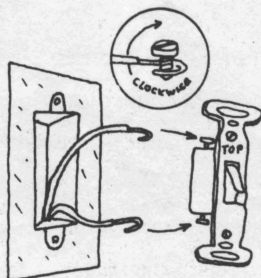


- Unscrew top and bottom mounting screws and pull switch body out of junction box.



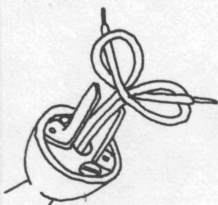
- Loosen terminal screws to free switch from circuit wires.

- To replace, reverse steps. Fit loops on the end of the wire to terminals so the curve runs clockwise.

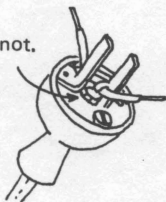


Replacing Plugs

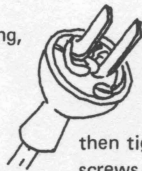
Detach the cord from the outlet and/or appliance. To replace the end that plugs into the wall outlet:



Tighten knot.

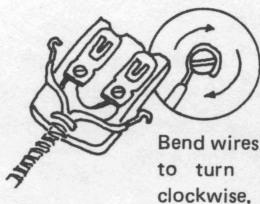
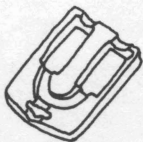
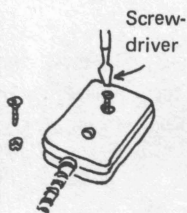


Loop wires
around prong,



then tighten
screws clock-
wise.

- Cut off the old plug plus 1 inch of cord.
- Split the insulation 2 inches to separate wires.
- Strip insulation from $\frac{1}{2}$ inch of each tip, then scrape wire until bright (without nicking it).
- Tie an underwriter's knot (as shown above).
- Form a loop on each wire so it curls clockwise around its terminal.
- Tighten terminals to hold wires securely.



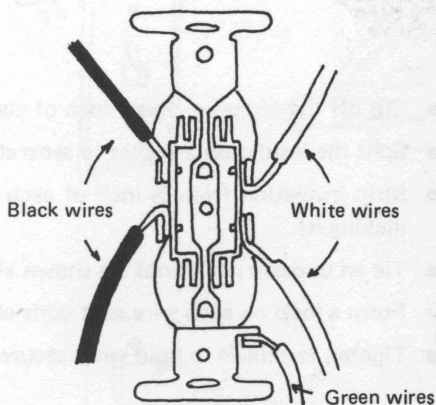
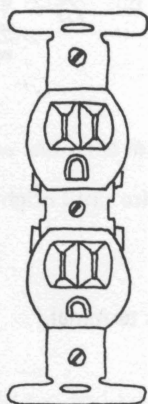
Bend wires
to turn
clockwise.

To replace the end that plugs into the appliance:

- Cut off the old plug plus 1 inch of cord.
- Separate the halves of the new plug.
- Strip insulation far enough to make hooks fit around the terminals.
- Secure the contacts by tightening terminal screws.
- Screw or clamp the halves of the plug together.

Replacing Convenience Outlets

- Shut off the circuit by removing the fuse or flipping the switch at the circuit box.
- Unscrew and remove the outlet face plate.
- Unscrew mounting screws at top and bottom (or either side) of the unit and pull it out of the junction box.
- Loosen the set screws to free wires from the terminal.



Replace with the new outlet by reversing the steps, being sure to attach the black wires to the dark terminals and the light wires to the silvery terminals. If there is a green wire, it is a ground wire. Attach it to the ground terminal at one end of the outlet.

Educational programs conducted by the Texas Agricultural Extension Service serve people of all ages regardless of socio-economic levels, race, sex, religion or national origin.

Cooperative Extension Work in Agriculture and Home Economics, The Texas A&M University System and the United States Department of Agriculture cooperating. Distributed in furtherance of the Acts of Congress of May 8, 1914, as amended, and June 30, 1914.